



Model (1)

Science

- The coil in the electromagnet is made up of isolated wire from
a) Copper b) Iron c) Aluminium d) Carbon
- Glass prism splits sunlight into colours.
a) 4 b) 5 c) 6 d) 7
- We can separate coffee from water by
a) evaporation b) filtration c) attraction d) separating funnel
- One examples of saprophytes is
a) fungi b) rabbit c) plant d) lion

Maths

- $25 \div 0.5 = \dots\dots\dots$
a) 50 b) 5 c) 0.5 d) 0.05
- $\frac{1}{4} > \dots\dots\dots$
a) $\frac{1}{2}$ b) $\frac{1}{3}$ c) $\frac{1}{6}$ d) 1
- If $4 \in \{2, x, 3\}$, then : $x = \dots\dots\dots$
a) 2 b) 3 c) 4 d) 5
- The chord which passes through the center of a circle is called
a) height b) diameter c) radius d) side
- The number of altitudes of an obtuse angled-triangle =
a) 1 b) 2 c) 3 d) zero
- $xy - xy = \dots\dots\dots$
a) zero b) x c) xy d) y
- A box contains 20 balls, 5 of them are blue and the rest are red. If a ball is drawn randomly, then the probability of the drawn ball to be red =
a) 0.25 b) 0.75 c) 0.5 d) 0.4



Model (2)

Science

1. Mixing red light with blue light produces light.

- a) yellow b) magenta c) cyan d) green

2. The compass contains magnet that moves freely.

- a) heavy and big b) small and light
c) medium and heavy d) big and light

3. Solvent in mixture of chocolate mixture and milk is

- a) chocolate b) milk c) water d) sugar

4. From the extinct organisms due to natural changes in the environment is/are

- a) lion b) insects c) rat d) dinosaurs

Maths

1) If $\{x, 5\} = \{6, 5\}$, then $x =$

- a) 5 b) 6 c) 7 d) 8

2) $678 \div 100 = 67.8 \div$

- a) 10 b) 100 c) 1000 d) 10000

3) $56.63 \approx$ to the nearest tenth.

- a) 56.6 b) 56.7 c) 56.4 d) 56.3

4) $4.567 \times$ = 456.7

- a) 1 b) 10 c) 100 d) 1000

5) $\{6, 1\} \cup \{8, 6\} =$

- a) $\{8, 6\}$ b) $\{8, 6, 1\}$ c) $\{8, 1\}$ d) $\{6\}$

6) The probability of an impossible event =

- a) $\frac{1}{2}$ b) $\frac{1}{3}$ c) zero d) 1

7) In a circle, the chord that passes through its center is called

- a) diameter b) radius c) parallel d) height

Model (3)

1. From the magnetic materials is

- a) Copper b) Iron c) Cobalt d) Nickel

2. The glass prism splits sunlight into colours.

- a) 4 b) 5 c) 6 d) 7

3. We can separate ground coffee from water by

- a) evaporation b) filtration c) attraction d) separating funnel

4. From the examples of saprophytes is

- a) fungi b) rabbit c) plant d) lion

Maths

1) $\{0\}$ \emptyset

- a) \in b) \notin c) \subset d) $\not\subset$

2) $123.45 \div 1000 =$

- a) 124.45 b) 1.2345 c) 0.12345 d) 123.45

3) $45 \times 1.23 = 4.5 \times$

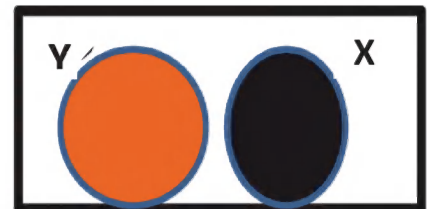
- a) 12.3 b) 1.23 c) 123 d) 0.123

4) The shaded part of the opposite figure represents

- a) $y - x$ b) $x \cup y$ c) $x - y$ d) $x \cap y$

5) The probability of sure event =

- a) $\frac{1}{2}$ b) $\frac{1}{3}$ c) zero d) 1



6. The line segment join between the center of the circle and any point on the circle is called

- a) diameter b) radius c) height d) chord

7. The number of altitudes of the right-angled triangle =

- a) 1 b) 2 c) 3 d) zero